

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	195	((tetraethoxy adj silane) or (tetramethyl adj cyclo-tetrasiloxane) or (di-acetoxy adj di-tertiary adj butoxy adj silane) or (hexamethyl adj disiloxane)) and ((carbon adj monoxide) or (carbon adj dioxide) or ozone or oxygen) and hydrogen and plasma and ((silicon adj oxide) or (silicon adj dioxide))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:13
L2	162	1 not ("2007".ay. or "2006".ay. or "2005".ay.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 16:46
L3	2831	438/758.ccls. or 438/778.ccls. or 438/787.ccls. or 438/788.ccls. or 438/789.ccls. or 438/790.ccls. or 257/E21.278.ccls.	USPAT	OR	ON	2007/03/27 17:10
L4	2799	3 not ("2007".ay. or "2006".ay. or "2005".ay.)	USPAT	OR	ON	2007/03/27 18:38
L5	1849	4 and (silicon adj (oxide or dioxide))	USPAT	OR	ON	2007/03/27 16:47
L6	8384	((tetraethoxy adj silane) or (tetramethyl adj cyclo-tetrasiloxane) or (di-acetoxy adj di-tertiary adj butoxy adj silane) or (hexamethyl adj disiloxane) or silane or disilane) and ((carbon adj monoxide) or (carbon adj dioxide) or ozone or oxygen) and hydrogen and plasma and ((silicon adj oxide) or (silicon adj dioxide))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 16:57
L7	3994	(silane or disilane) and ((carbon adj monoxide) or (carbon adj dioxide) or ozone or oxygen) and hydrogen and plasma and (((silicon adj oxide) or (silicon adj dioxide)) with (formation or forming or depositing or deposition))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:03
L8	3505	7 not ("2007".ay. or "2006".ay. or "2005".ay.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:04

## EAST Search History

L9	1411	8 and (plasma with chamber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 16:46
L10	95	8 and (((silicon adj oxide) or (silicon adj dioxide)) with (formation or forming or depositing or deposition)).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:03
L11	895	6 and (partial adj pressure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 16:57
L12	4	6 and ((partial adj pressure) with rare)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 16:57
L13	41550	(silane or disilane) and ((carbon adj monoxide) or (carbon adj dioxide) or ozone or oxygen) and hydrogen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:07
L14	118	13 and (((silicon adj oxide) or (silicon adj dioxide)) with (formation or forming or depositing or deposition)).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:08
L15	109	14 not ("2007".ay. or "2006".ay. or "2005".ay.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:04

## EAST Search History

L16	6277	(silane or disilane) and ((carbon adj monoxide) or (carbon adj dioxide) or ozone or oxygen) and (hydrogen with reduc\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:08
L17	1433	(silane or disilane) and ((carbon adj monoxide) or (carbon adj dioxide) or ozone or oxygen) and (hydrogen with (reducing adj agent))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:08
L18	5	17 and (((silicon adj oxide) or (silicon adj dioxide)) with (formation or forming or depositing or deposition)).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:08
L19	10	4 and (hydrogen with (reducing adj agent))	USPAT	OR	ON	2007/03/27 17:10
L20	33	4 and ((tetraethoxy adj silane) or (tetramethyl adj cyclo-tetrasiloxane) or (di-acetoxy adj di-tertiary adj butoxy adj silane) or (hexamethyl adj disiloxane))	USPAT	OR	ON	2007/03/27 18:37
L21	98	(surface adj wave adj plasma)	USPAT	OR	ON	2007/03/27 18:17
L22	3	3 and (surface adj wave adj plasma)	USPAT	OR	ON	2007/03/27 18:16
L23	122	TEOS with advantage	USPAT	OR	ON	2007/03/27 18:22
L24	435	TEOS same (ozone or oxygen or (carbon adj monoxide) or (carbon adj dioxide)) same hydrogen	USPAT	OR	ON	2007/03/27 18:37
L25	417	24 not ("2007".ay. or "2006".ay. or "2005".ay.)	USPAT	OR	ON	2007/03/27 18:38
L26	24	25 and ((silicon adj dioxide).ti. or (silicon adj oxide).ti.)	USPAT	OR	ON	2007/03/27 19:03
L27	1	("6323142").PN.	USPAT	OR	OFF	2007/03/27 19:03
S1	4225	(silicon adj oxide) and hydrogen and ((carbon adj monoxide) or (carbon adj dioxide) or ozone or oxygen) and silane	USPAT	OR	ON	2006/11/25 16:05

## EAST Search History

S2	2439	((silicon adj oxide) with (film or layer)) and hydrogen and ((carbon adj monoxide) or (carbon adj dioxide) or ozone or oxygen) and silane and plasma	USPAT	OR	ON	2006/11/25 16:05
S3	1068	(tetraethoxy adj silane) or (tetramethyl adj cyclo-tetrasiloxane) or (di-acetoxy adj di-tertiary adj butoxy adj silane) or (hexamethyl adj disiloxane)	USPAT	OR	ON	2006/11/25 16:14
S4	94	((tetraethoxy adj silane) or (tetramethyl adj cyclo-tetrasiloxane) or (di-acetoxy adj di-tertiary adj butoxy adj silane) or (hexamethyl adj disiloxane)) and ((carbon adj monoxide) or (carbon adj dioxide) or ozone or oxygen) and hydrogen and plasma and ((silicon adj oxide) or (silicon adj dioxide))	USPAT	OR	ON	2007/03/27 16:27
S5	93	S4 not ("2006".ay. or "2005".ay.)	USPAT	OR	ON	2007/03/27 16:39
S6	4	((((tetraethoxy adj silane) or (tetramethyl adj cyclo-tetrasiloxane) or (di-acetoxy adj di-tertiary adj butoxy adj silane) or (hexamethyl adj disiloxane)) same ((carbon adj monoxide) or (carbon adj dioxide) or ozone or oxygen) same hydrogen same plasma) and ((silicon adj oxide) or (silicon adj dioxide))	USPAT	OR	ON	2006/11/25 16:11
S7	663	(tetraethoxy adj silane)	USPAT	OR	ON	2006/11/25 16:14
S8	16982	(tetraethoxy adj silane) or (teos)	USPAT	OR	ON	2006/11/25 16:14
S9	16811	S8 not ("2006".ay. or "2005".ay.)	USPAT	OR	ON	2006/11/25 16:15
S10	2833	S9 and ((carbon adj monoxide) or (carbon adj dioxide) or ozone or oxygen) and hydrogen and plasma and ((silicon adj oxide) or (silicon adj dioxide))	USPAT	OR	ON	2006/11/25 16:16
S11	1732	S10 and (((silicon adj oxide) or (silicon adj dioxide)) with film)	USPAT	OR	ON	2006/11/25 16:15
S12	948	S11 and (((carbon adj monoxide) or (carbon adj dioxide) or ozone or oxygen) with plasma)	USPAT	OR	ON	2006/11/25 16:16
S13	426	S12 and (hydrogen with plasma)	USPAT	OR	ON	2006/11/25 16:17
S14	200	S13 and (plasma with chamber)	USPAT	OR	ON	2006/11/25 16:18

## EAST Search History

S15	107	(silane or disilane or TEOS) with hydrogen with plasma with (oxygen or ozone)	USPAT	OR	ON	2006/11/25 16:18
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